«OpenFile» Package::controller

Window stage
FileChooser fileChooser
String fileExtension
String songName
Media song
MediaPlayer player
File file
Sequencer sequencer
InputStream input
BeatMaker beat

openFile()
openPlayer()
openMP3()
openMIDI()
checkExt()
getPlayer()
getFile()
close()
play()
playMP3()
playMIDI()
pause(), pauseMP3(), pauseMIDI()
stop(),stopMP3()stopMIDI()
noFileOpen(), wrongFileOpen()
getFileExtension(), editMIDI()

«BeatMaker» Package::controller

Sequencer sequencer
Sequence sequence
Track track
String[] instrucmentNames
int[] instruments

BeatMaker()
start()
setUpMidi()
buildGUI()
rebuildGUI()
buildTrack()
openForEdit()
MyStartListener
MyStopListener
MyUpTempoListener
MyDownTempoListener
MySendListener
MyListSelectionListener
RemoteReader
ChangeSequence()
makeTracks()
makeEvent()

«App» Package::View

String SCENE_FILE
String WINDOW_TITLE

main(String [] args)
start(Stage)

«SceneController» Package::controller

OpenFile openFile
SplitPane main_split_pane
AnchorPane left_split_pane
AnchorPane right_aplit_pane

openMetronome()
openmp3(ActionEvent)
addmp3(String)
loadNewSoundPanel(String)
goToGitHub()
play(0
pause()
stop()
close()
newBeat()
editBeat()
editSynth()
newSynth()
saveProject()
openProject()
Initialize()
openSettings()
addInstrument()
displayScene()
populateSynthPane()
makeInstPanes()
openMidi()
addMidi(String))
updateValues()

«MetronomeController» Package::controller

boolean initialized
Label bpmLabel
Textfield bpmField
Slider bpmSlider

initialize()
handleInputText(ActionEvent)
updateGuiBpm()
validate(String)

«metronome.fxml» Package::view.fxml

«mainScene.fxml» Package::view.fxml

«instrument.fxml» Package::view.fxml

«settings.fxml» Package::view.fxml

«instrumentIcon.fxml» Package::view.fxml

«beatMaker.fxml» Package::view.fxml

«Settings» Package::model

int bpm
String MENTRONOME_FXML
String METRONOME_TITLE
int MIN_SLIDE_BPM
int MAX_SLIDE_BPM
int DEFAULT_BPM

«Synth» Package::controller

Window stage
Track track
Sequencer sequencer
sequencer tempoSequencer
Sequence sequence
long time

main()
Synth()
TestPane()
createButton(String, int)
createRecordButton(String, int)
createStartButton()createSaveButton()
playNote(int, int)

«Instrument» Package::model

percussion elements
String name
int code

Instrument(String, int)
getPercussion()
getSynths()
getAll()
toString()